

FIG.1

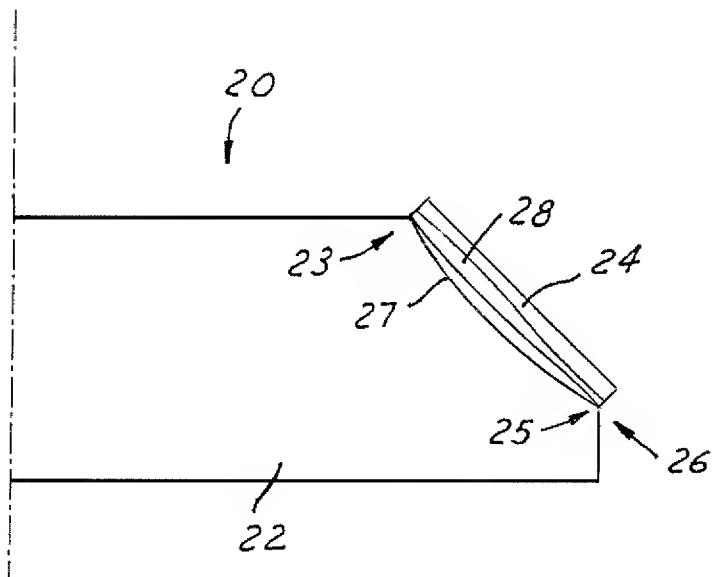


FIG.2

COAT TARGET LOCATION OF SUBSTRATE WITH GRADED CTE MATERIAL LAYERS

DRY COATING

DEPOSIT TARGET MATERIAL ON GRADED CTE MATERIAL LAYERS

HEAT TO BOND TARGET MATERIAL, GRADED CTE MATERIAL LAYERS AND SUBSTRATE MATERIAL

FIG. 3

COAT TARGET LOCATION OF SUBSTRATE WITH GRADED CTE MATERIAL LAYERS

SINTER COATING

DEPOSIT TARGET MATERIAL ON GRADED CTE MATERIAL LAYERS

HEAT TO BOND TARGET MATERIAL, GRADED CTE MATERIAL LAYERS AND SUBSTRATE MATERIAL

FIG. 4